APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Dismembered Strategies in Position Games, by
N. N. Vorob'yev, 19 pp.

RUSSIAN, per, Problemy Kibernetiki, No 7, 1962.

JPRS 20790

Sci

Aug 63

343,334

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

One Some Methods of Computing Polynomial Values, by V. Ya. Pan, 11 pp.

RUSSIAN, per, Problemy Kibernetiki, No 7, 1962.

JPRS 20790

Sci

Aug 63

343,333

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

MACHINE TRANSLATION FROM FRENCH TO RUSSIAN, BY G. V. VAKULOVSKAYA, O. S. KULAGINA, 56 PP

RUSSIAN, PER, PROBLEMY KIBERNETIKI, NO [illegible], 1963, PP 253-291.

JPRS 19631

SCI - MISC
JUN 63

232,436

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

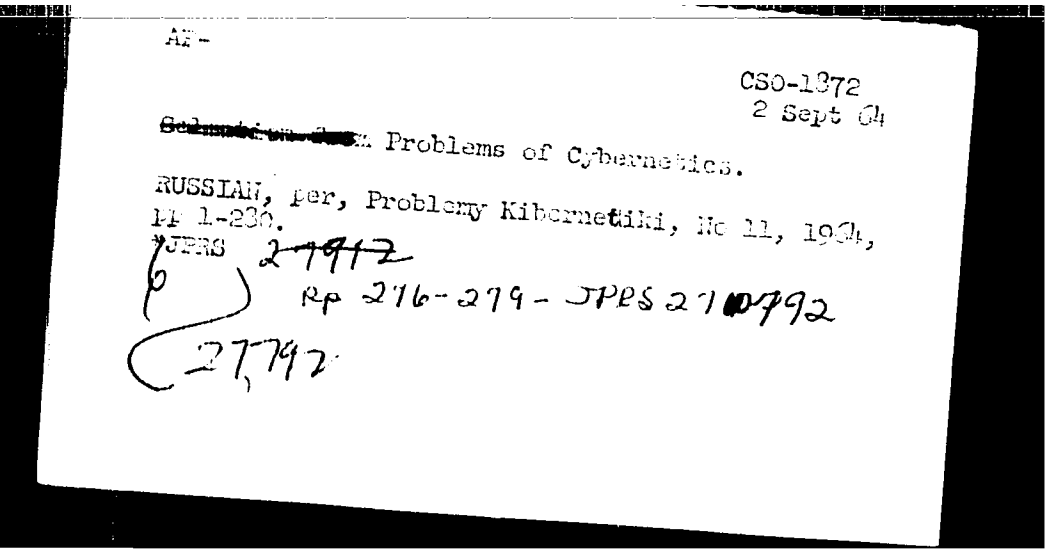
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Cybernetics. (DC-10511)
RUSSIAN, bk, Problemy Kibernetiki, Moscow, No 10, 1963, pp 1-288.
JPRS 26,341
CFSTI TT-64-1056

Sci-Misc
May 64

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6



AF -

CSO-1372
2 Sept 64

[redacted] Problems of Cybernetics.

RUSSIAN, per, Problemy Kibernetiki, No 11, 1964, pp 1-230.

JPRS 27792

Rp 276-279 - JPRS 27792

27,792

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

G. V. Savinov, by A. Yu. Ishlinskiy, 10 pp.
RUSSIAN, per, Problemy Kibernetiki, No 11, 1964,
pp 5-10.
JPRS 27,792

USSR
Biog
Feb 65

272,850

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

A Mathematical-Modeling Study of the Inter-Relationship Between the Neural Processes Excitation and Inhibition, by G. V. Savinov, L. V. Krushinskiy, et al., 25 pp. RUSSIAN, per, Problemy Kibernetiki, No 11, 1964, pp 11-24.
JPRS 27,792

Sci-Math & Data Proc
Feb 65

272,851

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Cybernetics (Part 2), by
V. I. Levenstein, 82 pp.
RUSSIAN, per. Problemy Kibernetiki, No 11, 1964,
pp 63-121. P100079368-V
FTD-MT-24-126-67

Sci-Elec
May 68

356,327

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Biogeocoenological Level of Control Within the Biosphere, by A. A. Lyapunov, I. V. Stebayev, 7 pp. RUSSIAN, per, Problemy Kibernetiki, No 11, 1964, pp 147-151.
JPRS 27,792

Sci-Math & Data Processing
Feb 65

272,852

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Problem of Regulation, Inspection and Control, Viewed Neurophysiologically, by G. I. Polyakov, 26 pp. RUSSIAN, per, Problemy Kibernetiki, No 11, 1964, pp 153-166.
JPRS 27,792

Sci-Math & Data Processing
Feb 65

272,853

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Description of the Programs of an Algorithm for Translation From English Into Russian, by G. P. Bagrinovskaya, 41 pp.
RUSSIAN, per. Problemy Kibernetiki, No 11, 1964, pp 167-187.
JPRS 27,792

Sci-Math & Data Processing
Feb 65

272,354

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Frequency Distribution of Inflectional Classes of Russian Words, by G. G. Belonogov, 21 pp. RUSSIAN, per, Problemy Kibernetiki, No 11, 1964, pp 189-198.
JPRS 27,792

Sci-Math & Data Processing
Feb 65

272,855

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

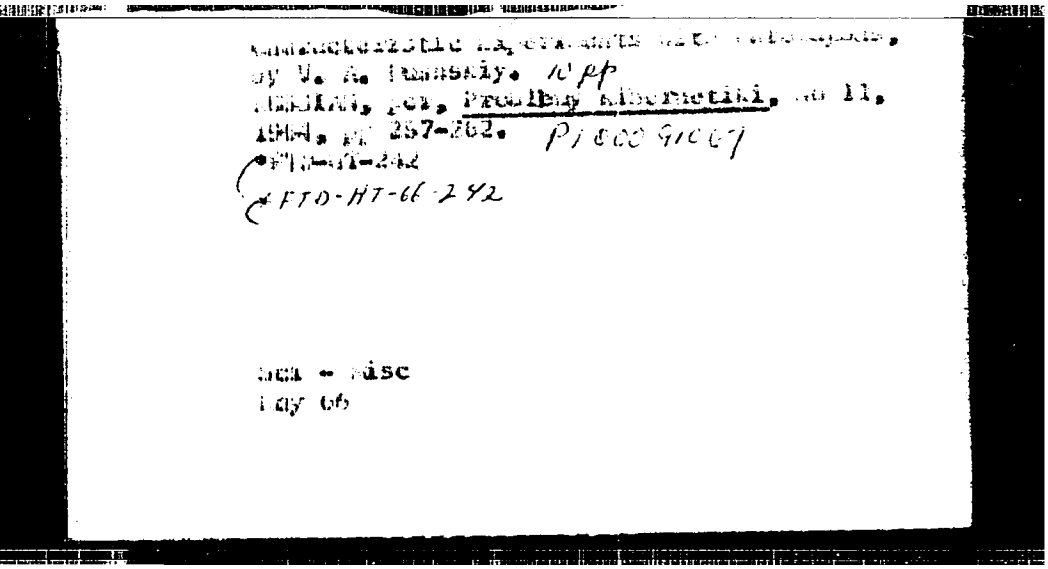
Properties of Correct Synta Ctic Structure and an Algorithm for its Detection (Russian-Language Material), by L. N. Iordanskaya, 65 pp. RUSSIAN, per, Problemy Kibernetiki, No 11, 1964, pp 215-244.
JPRS 27,792

Sci-Math & Data Processing
Feb 65

272,856

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6



by V. A. Ivanskiy. 10 pp
Problemy kibernetiki, vyp 11,
1964, pp 257-262. P/000 9107
FTD-MT-66-242

Unc - Misc
1 Oy 66

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

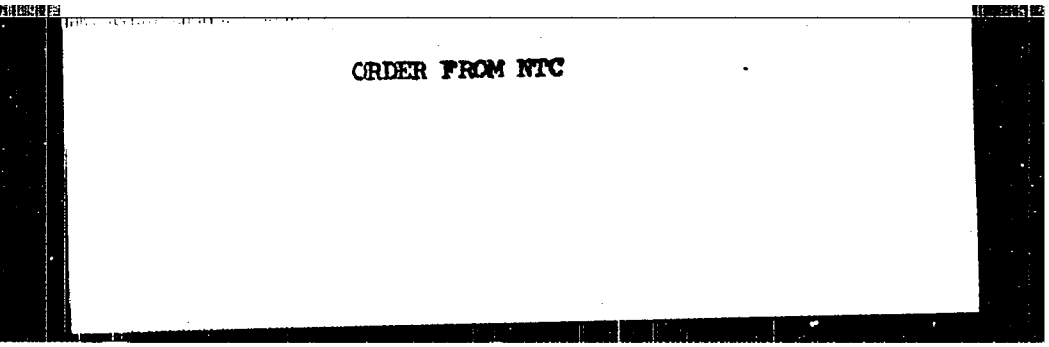
News Items, 6 pp.
RUSSIAN, per, Problemy Kibernetiki, No 11, 1964,
pp 276-279.
JPRS 27,792

Sci-Math & Data Processing
Feb 65

272,857

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6



APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Activated Adsorption as a Method for Studying Catalysts, by S. Z. Roginskiy. USCL

RUSSIAN, per, Problemy Kinetiki i Kataliza, Ak Nauk SSSR, Inst Fiz Khim, Metody Izucheniya Katalizatora, Vol 7, 1940, pp 258-273.

CCT-934B

Sci - Phys
Sep 59

96,639

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Catalytic Hydrogenation of Hydrocarbons of the Cyclopentane Series, by B. A. Kazanskiy.

RUSSIAN, no per, Problemy Kinetiki i Kataliza, Akad. Nauk SSSR, No 6, 1949, pp 223-231.

Assoc Tech Sv
RJ-364
37,118
$14.35

Sci - Chemistry

Aug 1956

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Kinetics and Catalysis. IV. Homogeneous and Ionic Catalysis, by S. N. Danilov. RUSSIAN, per, Problemy Kinetiki i Kataliza, Vol 6, 1949, pp 309-318.
NLL 5828.4F (11826)

Sci - Chem
~~Aug~~. 67 338,643

Sept.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Some Questions on the Kinetics of Diffusion on Porous Catalysts, by S. Ya Pshezhetskiĭ, R. N. Rubinshtein, 10 pp.

RUSSIAN, no per, Problemy Kinetiki i Kataliza, No 6, 1949, pp 426-431.

Sci Tr Center RT-4655

Scientific - Chemistry
Jan 57 CTS

42,288

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Separation of Adsorbed Gases From Metals and Semi-Conductors, and their Adsorption Under the Action of Light, by A. N. Terenin, 25 pp.

RUSSIAN, Per, Problemy Kinetiki i Kataliza, 1955. Vol VIII, pp 17-33.

SLA 59-10253

Sci
Oct 59
Vol 2, No 3

99,923

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Influence of Gases and of Vapors on the Photoelectric Processes in Zinc Oxide and in Other Semiconductors, by Ye. K. Putseykov, A. N. Terenin, 9 pp.

RUSSIAN, per, Problemy Kinetiki i Kataliza, Vol VIII, 1955, pp 53-60.

SLA 60-10100

Sci

126,933

OTS, Vol III, No 6
Sep 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Changes in the Work Function and the Conductivity of Cupric Oxide Accompanying Catalytic Reactions, by V. I. Lyashenko, I. I. Stepko.

RUSSIAN, per, Problemy Kinetiki i Kataliza, Ak Nauk SSSR, Vol VIII, 1955, pp 180-188.

Assoc Tech Sv
Tr RJ-583
$13.50 52,235

Sci - Chem
Sep 57

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Balandin, A. A., Neiman, M. B., Bogdanova, O. K. and others.
INVESTIGATION ON THE DEHYDROGENATION OF BUTANE-BUTYLENE MIXTURES WITH THE HELP OF TAGGED ATOMS. [1963] 23p 23refs
Order from OTS, SLA, or ETC $2.60 TT-64-10701

Trans. of Problemy Kinetiki i Kataliza (USSR) [1957] v. 9, p. 45-60. (Abstract available)

DESCRIPTORS: *Butadienes, Synthesis (Chemistry), *Butanes, *Butenes, *Dehydrogenation, Hydrogenation, Reaction kinetics, *Labeled substances,

Under conditions of B.B. mixtures dehydrogenation the formation of butadiene occurs on the account of dehydrogenation of butylene; butane is practically not directly converted to butadiene. In other words, butylene is the predecessor of butadiene, whereby its desorption rate (Chemistry--Physical, TT, v. 11, no. 9) (over)

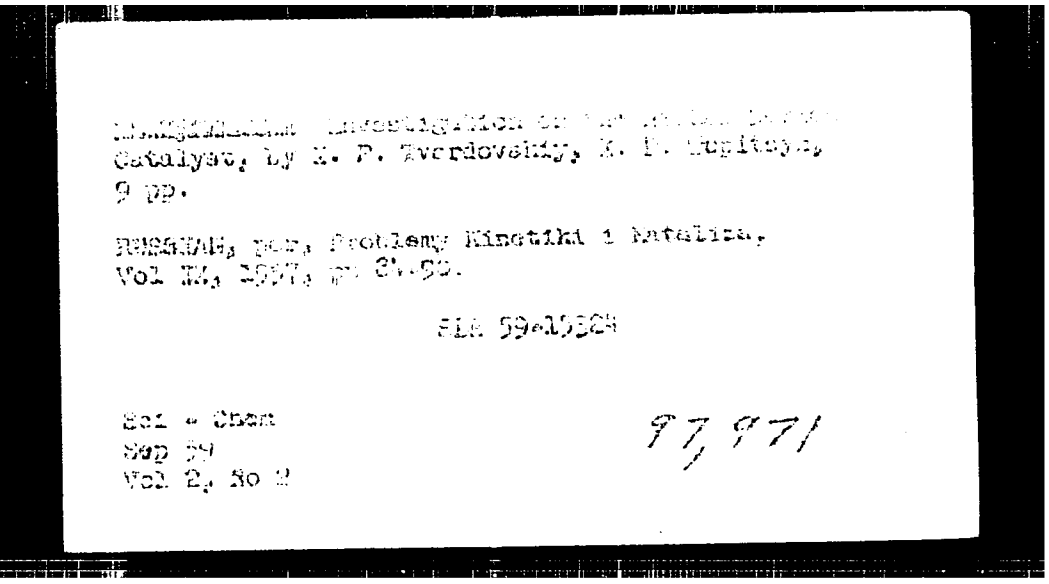
TT-64-10701

I. Balandin, A. A.
II. Neiman, M. B.
III. Bogdanova, O. K.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6



[illegible] Investigation of [illegible]
Catalyst, by K. P. Zverdovskiy, K. I. Lapitskaya,
9 pp.

Referativnyy zhur, Problemy Kinetiki i Kataliza,
Vol IX, 1957, pp 81-89.

Sub 18Jun58

Sol - Chem
Sep 59
Vol 2, No 2

97,971

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Relationship Between the Ionic Mobility in Oxide Lattices and the Rate of Isotopic Exchange, by S. Yu. Elovich, L. Ya. Margolis.

RUSSIAN, bk., Probl Kinetiki i Kataliza, Vol IX, 1957, pp 129-132.

DSIR LLU (loan M.833

Nov 59

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Hydrogen-Deuterium Exchange of Some Hydrocarbons Over Pilot-Alumina Catalyst, by A. V. Dorogochinskiy, et al.

RUSSIAN, pam. Problemy Kinetiki i Kataliza, Ac Sci SSSR, No 9, 1957, pp 162-167.

ATS RJ-1905

Sci - Chem
Dec 59

10f082

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

S-94/60

The Oxygen-Base Catalytic Reaction of Isotope Exchange of Hydrogen, by A. I. Shatenshteyn, Ye. N. Zvyagintseva, Ye. A. Yakovleva, Ye. A. Izrailevich, Ya. M. Varshavskiy, M. G. Lozhkina, A. V. Vedeneyev,

RUSSIAN, bk, Problemy Kinetiki i Kataliza IX, Moscow, 1957, pp 218-233.

*JPRS

Sci - Chem
29 Feb 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

A Study of the Mechanism of Some Reactions by the Method of Hydrogen Exchange, by D. N. Kursanov, V. N. Setkina, et al, 4 pp.

RUSSIAN, bk, Problemy Kinetiki i Kataliza, IX, 1957, pp 242-244.

JPRS 2761

118,579

Sci - Chem

Jun 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

S-[illegible]/60 (Abstract).

A Study of the Isotope Exchange Between Gaseous Oxygen and the Salts of Some Acids Containing Oxygen at High Temperatures, by V. I. Spitsyn, V. G. Finikov, 5 pp.

RUSSIAN, bk, Problemy Kinetiki i Kataliza IX. Izotopy v Katalize, Moscow, 1957, pp 264-269.

JPRS 2763

Sci - Chem
Jun 60

117,579

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

(IV-3692)

S-94/60

Isotope Exchange Between A Solid Body and A Gas, by S. N. Ostraner, 11 pp.

RUSSIAN, bk, Problemy Kinetiki i Kataliza, 1957, pp 267-273.

JPRS 2846

Sci - Chem

Jun 60

120, 094

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

S-94/60 (AI-3692)

The Influence of the Thermodynamic Isotope Effect on the Kinetics of Exchange Reactions, by Ya. Varshavskiy, 8 pp.

RUSSIAN, bk, Problemy Kinetiki i Kataliza, IX, 1957, pp 363-368.

JPRS 2764 118,629

Sci - Chem

Jun 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Study of the Surface Charge of Oxidic Semi-conductor Catalysts in Adsorption, by M. Kh. Enikeyev.

RUSSIAN, per, Problemy Kinetiki i Kataliza, Vol X, 1960, pp 88-89.

MIL N. 3051

Sci - Chem

Feb 62

186,843

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Investigation on a Catalyst for the Conversion of Carbonmonoxide on Basis of Zink, Chromium, and Copper Oxides, by F.P. Ivanovskiy, G.E. Braude.
11 pp.
RUSSIAN, per, Problemy Kinetiki i Kataliza, Vol 10, 1960, pp 90-94.
OTS TT-63-26815

Sci/Chemistry
Jul 66

306,204

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

12 497 US-14

ANTONOVA I. N., et al.

A study of the mechanism of the methane oxidation reaction using tagged atoms

Prob. Kinet. i Katal., 9, No. 1, 97-103 (1956)

RJ-2547. $ 12.75 - English

Euratom
ATS/RJ-2547

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

A Study of the Mechanism of the Methane Oxidation Reaction Using Tagged Atoms, by I. N. Antonova, R. I. Moshkina, 7 pp.

RUSSIAN, per, Problemy Kinetiki i Kataliza, Vol IX, No 1, 1957, pp 97-103.

ATS-33041R

Sci

190, 239

Apr 62

Vol IV, No 6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Relationship Between the Ionic Mobility in Oxide Lattices and the Rate of Isotopic Exchange, by S. Yu. Yelovich, L. Ya. Margolis, 5 pp.

RUSSIAN, per, Problemy Kinetiki i Kataliza, Vol IX, 1957, pp 129-132.

SLA 60-13641

Bel

191,344

Apr 62

Vol IV, No 6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

US-14

15 205

DOROGOCHINSKII A. Z., et al.

Hydrogen-deuterium exchange of some hydrocarbons over silica-alumina cracking catalysts

Probl. Kinet. i Katal., No. 9, 162-167 (1957)

RJ 1905. $ 9.25 - English

Euratom

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Measurement of the Contacgt Potential of Semiconductors as a Method for Finding Variouxxs Change States of Particles Adsorbed on the Semiconductor, by Sh. M. Kogan, V. B. Sandomirskiy, 8 pp.

RUSSIAN, per, Problemy Kinetika i Katal, Vol X, 1960, pp 62-66.

CIA/FDD XX-1286
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Nov 62

USIB INTERNAL USE ONLY

216,238

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Anomalous Properties of Germanium, by V. M. Glazov, O. V. Kaylov, S. Z. Roginskiy, 8 pp.

RUSSIAN, per, Problemy Kinetika i Katal, No 10, 1960, pp 102-107. 3093300

AEC Tr-4979

Sci - Phys
Apr 62

191,281

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Connection Between the Mobility of the Ions in an Oxide Lattice and the Velocity of Isotope Exchange, by S. Yu. Yolovich, L. Ya. Margolis. USCL

RUSSIAN, bk, Problemy Kinetiki i Kataliza, Vol IX, Izotopy v Kataliza (1957?).

DSIR LIB M.1378

(loan)

116,508

Sci - Chem; Phys
May 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Isotopes in Catalysis, by S. Z. Roginskiy.

RUSSIAN, per, Problemy Kinetiki i Kataliza, AN Nauk SSSR, Vol IX, 1957, pp 5-30.

AMS RJ-2033

Sci - Chem
Dec 59

103977

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Catalytic Activity of Metals in the Homomolecular Isotopic Exchange of Hydrogen, by M. A. Ardeyenko, et al. UHCL

RUSSIAN, bk, Problemy Kinetiki i Kataliza IX, Izotopy v Katalize, 1957, pp 61-75.

DSIR LLU M.903

(loan) 111,139

Sci - Chem
Mar 60

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Investigation of the Role of Planar Chains in the Synthesis of Hydrocarbons From CO and H_2, by O. A. Golovina, et al. UNCL

RUSSIAN, bk, Problemy Kinetiki i Kataliza IX, Izotopy v Kataliza, 1957, pp 76-83.

DSIR LUU M.931

(loan)

Sci - Chem

Mar 60

111,140

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Mechanism of the Catalytic Oxidation of Simple Unsaturated Hydrocarbons on Metals and Semiconductors, by L. Ya. Margolis, S. Z. Roginskiy. UMCI.

Moskva, AN, Problemy Kinetiki i Kataliza VI, Izdatelstvo Akademii Nauk SSSR, 1957, pp 107-116.

USIR LIU M.904

(lean)

Sci - Chem

Mar 60

111,135

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Connection Between the Catalytic Activity and Semiconductor Properties of Germanium, by V. L. Kuchayev, G. K. Boreskov, 4 pp.

RUSSIAN, per, Problemy Kinetiki i Kataliza, Fiz i Fiz Khim Kataliza, No 10, 1960, pp 108-110.
9095550

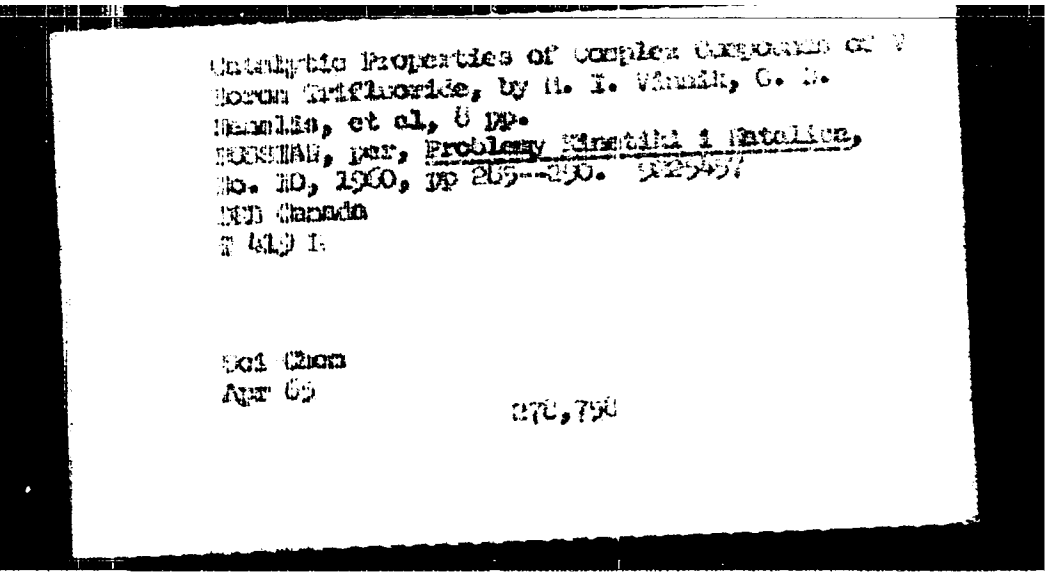
AEC Tr-4857

Sci - Phys, Chem
Mar 62

186.492

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6



Catalytic Properties of Complex Compounds of
Boron Trifluoride, by N. I. Vlasik, G. P.
Manilo, et al, 6 pp.
[illegible], per, Problemy Kinetiki i Kataliza,
No. 10, 1960, pp 285--290. 929497
[illegible] Canada
T 41.9 I.

501 Chem
Apr 65

870,750

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

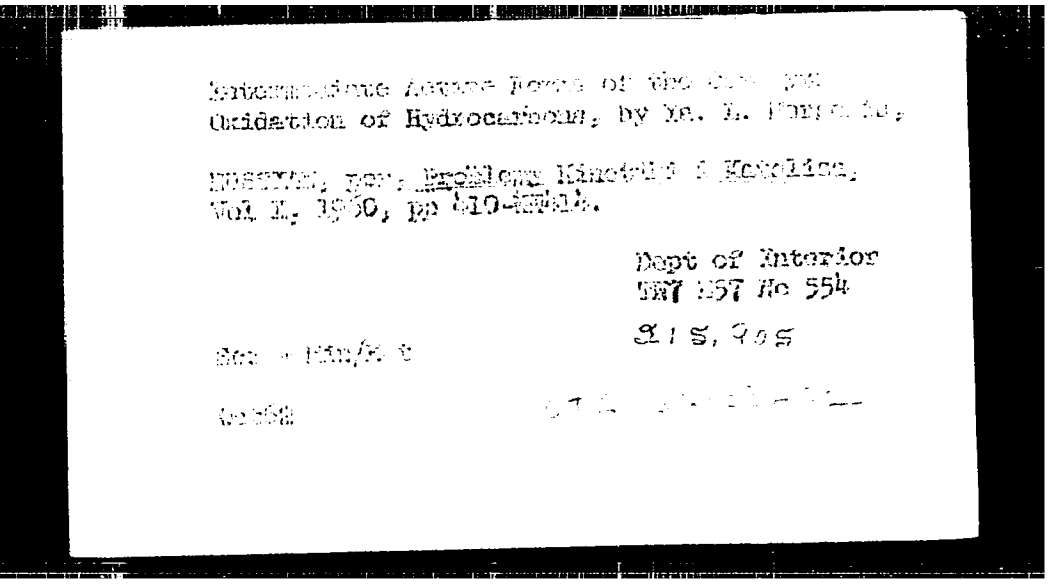
APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Experimental Study of the Correspondence Between Homogeneous and Heterogeneous Acid Base Catalysis, by T. I. Andrianova.
RUSSIAN, per, Problemy Kinetiki i Kataliza,
Vol 10, 1960, pp 298-302.
NTC-71-15685-07D

Feb 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6



Intermediate Active Forms of the Low-Temp
Oxidation of Hydrocarbons, by W. A. Fontana,

Industr. Eng. Chemistry Fundamentals,
Vol 1, 1962, pp 140-144.

Dept of Interior
DNT LIB No 554

QL 5, 995

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Role of Colloidal Chemical Phenomena During the Corrosion of Metals in Salt Solutions, by L. K. Lepin, 11 pp. UNCLASSIFIED

RUSSIAN, rpt, Problemy Korrozii i Zashchita Metallov, Inst Fiz Khim Trudy 5-go Vsesoyuznogo Soveshchaniya, 1954, pp 107-114 (publ in 1956).

9671664 Navy 2252/NRL 732

Sci - Chem
Aug 59

95, 644

CIA/FDD X-3463

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Space Biology, by N. M. Sisakyan, 659 pp.

RUSSIAN, bk, Problemy Kosmicheskoy Biologii, Vol I, 1962, pp 1-462. 9668309

OTS TT-64-11504

FTD-MT-62-78

NASA TT F-174 (9.216 6)

Sci-Biol & Med Sci
Apr 63

226,684

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

PROBLEMS OF SPACE BIOLOGY, BY N. M. SISAKYAN, V. I. YAZDOVSKIY, 434 PP.

RUSSIAN, BK, PROBLEMY KOSMICHESKOY BIOLOGII, MOSCOW, 1962, PP 1-430.

Vol II JPRS 18395

SCI - BIOL - MED SCI

APR 63 225,739

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Space Biology, N. M. Sisakyan,
V. I. Yazdovskiy, 555 pp.
RUSSIAN, bk, Problemy Kosmicheskoy Biologii,
Vol III, Moscow, 1964, pp 3-490.
JPRS 25287

Sci - Aero, Biol
Jul 1964 262,634

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Building Large Turbogenerators, by V. P. Anempodistov, E. G. Kasharskiy, I. D. Urusov. 44 pp.

RUSSIAN, bk, Problemy Krupnogo Turbogeneratorostroyeniya 1960, ~~pp 5-7, 31-58, 68-59, Chap I, IV, VI.~~

~~[redacted] 62-174/1~~

Sci - Engr

13 Feb 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems in Mathematical Physics, Volume 2,
Spectral Theory, M. Sh. Birman,
RUSSIAN, bk, Problemy Matematicheskoi Fiziki,
Vyp 2, Spektral'naya Teoriya,
*CB

Oct 66

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Reactivity of Free Hydrocarbon Radicals, by V. V. Voyevodskiy, 22 pp.

RUSSIAN, bk, Problemy Mekhanizma Organicheskikh Reaktsiy, 1953, pp 58-77, Encl to IR 1304-57, AFOIN-1A1.

AF 1085974

Sci - Chemistry
Apr 1957 CTS/dex

47,202

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Near-Ordering of Alloys With Additional Ionic Bonds, by A. G. ~~Kunnikx~~ Lesnik.

RUSSIAN, rpt, Prob Metal i Fiz Metall, 1954, No 5, pp 104-117.

Henry Brutcher
No 3922
$9.40 53,210

Sci - Min/Metals
Sep 57

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

LESNIK, A. G. and PLOTNIKOV, A. P.
HB 3927. Microstructure of iron-chromium alloys annelaed for different periods at 1200°C (2190°F). Problems of Metal Physics and Metallography, a collection of papers from the metal physics laboratory of the Ukrainian Academy of Sciences, no.5, p.123-127, 1954. $4.50.

Problemy Metal Fiz
i Metall

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Theory and Calculation of Induction of Elastic Oscillations in Molten Metal, by I. I. Teumin.

RUSSIAN, rpt, Prob Metall i Fiz Metal, Collection No 4, 1955, Moscow, pp 50-69.

Henry Brutcher
No 3930
$13.80

53,186

Sci - Physics
Sep 57

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Metallography and The Physics of Metals. Fourth Symposium, ed by B. Ya. Lyubov, 476 pp.

RUSSIAN, bk, Problemy Metallovedeniya i Fiziki Metallov. Chetvertiyi Sbornik Trudov, 1955.

670 pp

AEC Tr 2924
Available from OTS @ $2.20

In CIA Lib N/5 615.15 .M61 V.4 C.2

56,090

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Energy of the Distorted Crystalline Lattice, by N. S. Pastov, 13 pp.

RUSSIAN, bk, Prob Metalloved i Fiz Metallov, Collection No 4, publ by Metallurgizdat, 1955, pp 377-387.

Morris D. Friedman
$6.50

Sci - Physics
Dec 56 CRS

41,4446

AEC 2924
Lib - N.Y. 615.15 AISI V.4

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Concerning the Study of Diffusion by Radioactive Isotope Methods, by P. L. Gruzin. RUSSIAN, per, Problemy Metalloved. i Fiz. Metallov. 4, 1955, pp. 486-493.
*CFSTI TT 70-57053

Sci/phys
Feb 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Influence of Mn of Self-diffusion of Fe,
by P. L. Gruzin, et al.
RUSSIAN, per, Problemy Metalloved. i Fiz.
Metallov, 4, 1955, pp. 503-508
*CFSTI TT 70-57041

Sci/phys

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Investigation of Self-diffusion in Alpha-Iron, by V. M. Golikov, et al.
RUSSIAN, per, Problemy Metalloved. i Fiz. Metallov, 4, 1955, pp. 528-542.
*CFSTI TT 70-57040

Sci/phys
FEb 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Self Diffusion in Tantalum, by P. L. Gruzin, V. I. Meshkov, 3 pp.

RUSSIAN, per, Problemy Metallov i Fiz Metallov, 1955, p 570.

CIA/FDD X-2481
AEC Tr 2926

Sci - Physics; Minerals/Metals
Jul 57

49,194

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Influence of Alkaline-Earth Metal Oxides Upon Distribution of Sulfur Between Iron and Iron-Containing Slag, by L. A. Shvartsman, I. A. Tomilin, O. V. Travin, I. A. Popov.

RUSSIAN, rpt, Prob Metal i Fiz Metal, Collection No 4, 1955, pp 577-594.

Henry Brutcher
No 4001
$10.80 53,192

Sci - Min/Metals
Sep 57

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Structure and Mechanical Properties of Alloyed Ferrite, by M. M. Shteynberg. UNCL

RUSSIAN, per, Problemy Metallovedeniye I Termicheskaya Obrabotka, 1956, pp 63-98

ATIC MCL-599/III

Sci Trans/Met
Apr 60
Wire DC-2

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Metallography and the Physics of Metals,
720 pp. UMCL

RUSSIAN, bk, Problemy Metallovedeniya i Fiziki
Metallov, 1958, 648 pp. CIH 6[illegible]

ASTIC F-TS-9798/V

Sci - Min/Met

May 60

116,466

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Action of Ultrasonic Vibrations on the Crystallization of Ingots, by V.I. Lakont'yev.

RUSSIAN, per, Problemy Metal i Fiz Metal, 1959, pp 100-116. 9662355.

ATIC MCL 457/1

Sci - Min/Met
Jun 61

154985

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Effect of Elastic Vibrations on Structure During Crystallization, and on Mechanical Properties and Deformability of Steels X27 and X25H20, by Ya. B. Gurevich, V.I. Leont'yev, I.I. Teumin.

RUSSIAN, per Problemy Metal i Fiz Metal, 1959, pp 117-136.

9662355.

ATIC MCL 457/1

S&I - Min/Met
Jun 61

15 9/96

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

On the Question of the Effect of Vacuum Smelting and Casting on the Properties of Metals and Quality of Ingots, by A.V. Emyashev, A.M. Zubko, V.E. Neimark.

RUSSIAN, per, Problemy Metal i Fiz Metal, 1959, pp169-186. 9662355.

ATIC MCL 457/1

Sci - Min/Met

154,987

Jun 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

On the Effect of Inert Gas Pressure in the Furnace [illegible] the Content of Gases in Metal, by A.N. Zelevnov; D.S. Kamenetskaya.

RUSSIAN, per, Problemy Metal i Fiz Metal, 1959; pp 187-190. 9662355.

ATIC MCL 457/1

Sci - Min/Met
Jun 61.

154,988

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems of Metallography and the Physics of Metals, Part I, II.

RUSSIAN, bW, Problemy Metallovedeniya i Fiziki Metallov Tyatyi Sbornik Trudov, Moscow, 1960.

OTS WP Tr 488

Sci - Min/Met

Jun 61

156912

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

The Nature of Changes in the Modulus of Elasticity and in the Characteristic Temperature During Heat Treatment of Solid Solutions on a Nickel Base, 39 pp.

RUSSIAN, bk, Problemy Metallovedeniya i Fizika Metallov, Sed'moy Sbornik Trudov, Moscow, 1962,
9567804

FTD-TT-62-1290

Sci-Mtn/Met
Mar 63

223,663

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Brittleness in Steel in Low-Temperature Tempering, 40 pp.

RUSSIAN, bk, Problemy Metallovedeniya i Fiziki Metallov, Sed'moy Sbornik Trudov, Moscow, 1962, 9667804

FTD-TT-62-1290

Sci-Min/Met
Mar 63

223664

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

An Electron Microscope Fractographic Study of the Micromechanism of the Failure Process in Steel and Iron, by L. G. Orlov, L. M. Utevskiy, 25 pp.

RUSSIAN, bk, Problemy Metallovedeniya i Fizika Metallov, Sod'noy Sbornik Trudov, Moscow, 1962, pp 156-174. 9667804

FTD-TT-62-1290

Sci-Min/Met
Mar 63

223,665

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Investigating Austenitic Transformation in the Middle Region Directly at the Transformation Temperatures, by L. I. Kogan, R. I. Entin, 22 pp.

RUSSIAN, bk, Problemy Metallovedeniya i Fizika Metallov, Sed'moy Sbornik Trudov, Moscow, 1962, pp 231-245. 9667804

FTD-TT-62-1290

Sci-Min/Met, Engr
Mar 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Some Features of Reverse Martensitic Transformation,
by Ys. M. Golovchiner, 32 pp.

RUSSIAN, nk, Problemy Metallovedeniya i Fizika
Metallov, Sed'moy Sbornik Trudov, Moscow, 1962,
pp 281-306. 9667804

FTD-TT-62-1290

Sci-Mln/Met, Engr
Mar 63

223660

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Diffusionless Transformation in Alloys, by
I. L. Aptekar', D. S. Kamenetskaya.
RUSSIAN, per, Probl Metallov i Fiz Metal Ts n-i
Inst Chern Met Inst Metallov i Fiz Metal, No 36,
1964, pp 205-221.
NIL Ref: 9022.4 (67/80)

Sci-Mat
Aug 68

363,676

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Structure and Mechanical Properties of Alloyed Ferrite, by M. M. Shteynberg, 86 pp.

RUSSIAN, bk, Problemy Metallovedeniye i Termicheskaya Obrabotka, Moscow, 1960, pp 63-98. 9670231

ATIC MCL-599/1

Sci - Min/Metals

160,780

Jul 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Influence of Outer Zones on Widening and Distribution of Speeds and Stresses Across the Width of a Strip During Rolling, by A. I. Tselikov.

RUSSIAN, bk, Problemy Metallurgii, 1953, Moscow, pp 392-406.

BIBI 632

169, 962

Sci - Engr

Sep 61

list 111

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

(FDD 26666)

Problems of Microbiology and Immunology -- Selected Papers, by A. M. Kirkhenshteyn, 162 pp.

RUSSIAN, bk, Problemy Mikrobiol. i Immunobiol 1954, Leningrad, pp 3-10, 38-65, (captions under color plates only), 89-111, 136-156, 169-172.

CIA/FDD U-7612

33,608

USSR
Sci - Medicine, microbiology, immunobiology

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Specialization and the Comprehensive Development of the National Economy of the Economic-Administrative Areas of the Far East, by A. B. Margolin, 15 pp.

RUSSIAN, rpt, Problemy Narodnogo Khozyaystva Dal'nego Vostoka, 1963, pp 213-239. 969415

ACSI I-3722
ID 2251748

244,027

Far East
USSR
Econ
Dec 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

NY-13320
1 July 1966

Selections from: Problems of Neuro-Endocrine Regulation

1. Foreword, pp3-6
2. Contemporary Status of the Theory of Cortico-Visceral Pathogenesis of Goiter, by I.T. Kurkin, pp 7-22
3. Table of Contents, pp 114-115

Problemy Neyro-Endokrinnoy Regulyatsii, Moscow/Leningrad, 1966

Russian
USSR/Med/Biol & Medicine

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Nonlinear Polarization of a Weakly Absorbing Dispersive Medium, by F. A. Akhmanov, R. V. Khoklov, 54 pp.
RUSSIAN, bk, Problemy Nelineynoy Optiki, 1964, pp. 25-78.
JPRS 31910

USSR
Sci-Phys.
Sept 65

236,067

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Problems in Nonlinear Optics (Selected Chapters),
by S. A.Akhmanov, R. V. Khokhlov. 170 pp
RUSSIAN, bk, Problemy Nelineynoy Optiki, 1964,
pp 79-144; 197-254; 283-295.
AIR/FTD/MT-24-259-69

sci/physics
apr 70

405,874

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6

Distortion of Unmodulated Electromagnetic Waves in Nonlinear Dispersing Media. Generation of Optical Harmonics, by B. A. Akimanov and R. V. Khokhlov, 45 pp.
RUSSIAN, bk, Problemy Nelineynoy Optiki (Elektromagnitnyye Volny v Nelineynykh Dispergiruyushchikh Sredakh, 1962-63, pp. 145-196.
JPRS 34231

USSR
Sci-Phys
Mar 66

295,983

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000300860032-6